

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\
 Data File : VU035600.D
 Acq On : 04 Nov 2019 10:32
 Operator : JC/SP
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Quant Time: Nov 05 01:20:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 01:18:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238395	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	118006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11758	0.39	ug/L	0.00
7) Chloroethane-d5	1.93	69	9340	0.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	20332	0.41	ug/L	0.00
20) 2-Butanone-d5	4.72	46	24154	3.99	ug/L	0.00
24) Chloroform-d	5.12	84	18213	0.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	10182	0.43	ug/L	0.00
32) Benzene-d6	5.77	84	37084	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	12162	0.42	ug/L	0.00
41) Toluene-d8	7.93	98	34277	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	4506	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	14824	3.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	10086	0.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	12755	0.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	12217	0.391 ug/L	100
3) Chloromethane	1.53	50	15399	0.426 ug/L	97
5) Vinyl chloride	1.62	62	14708	0.407 ug/L	98
6) Bromomethane	1.88	94	8653	0.453 ug/L	92
8) Chloroethane	1.95	64	8319	0.390 ug/L	92
9) Trichlorofluoromethane	2.16	101	18127	0.427 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	11319	0.471 ug/L	94
12) 1,1-Dichloroethene	2.61	96	10489	0.467 ug/L	92
13) Acetone	2.69	43	20858	4.550 ug/L	98
14) Carbon disulfide	2.82	76	34480	0.439 ug/L #	93
15) Methyl Acetate	3.00	43	5095	0.482 ug/L	96
16) Methylene chloride	3.09	84	14570	0.505 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	23268	0.429 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	10634	0.438 ug/L	98
19) 1,1-Dichloroethane	3.92	63	19622	0.414 ug/L	96
21) 2-Butanone	4.80	43	27629	4.126 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	11763	0.451 ug/L	96
23) Bromochloromethane	5.02	128	5715	0.470 ug/L	87
25) Chloroform	5.14	83	24217	0.483 ug/L	97
27) 1,2-Dichloroethane	5.84	62	11773	0.399 ug/L #	93
29) 1,1,1-Trichloroethane	5.36	97	16380	0.426 ug/L	98
30) Cyclohexane	5.43	56	15307	0.393 ug/L	98
31) Carbon tetrachloride	5.57	117	14543	0.424 ug/L	98
33) Benzene	5.82	78	44048	0.434 ug/L	100
34) Trichloroethene	6.58	95	11272	0.448 ug/L	93
35) Methylcyclohexane	6.80	83	15574	0.400 ug/L	95
37) 1,2-Dichloropropane	6.84	63	12074	0.450 ug/L #	97
38) Bromodichloromethane	7.15	83	14205	0.428 ug/L #	99
39) cis-1,3-Dichloropropene	7.65	75	15575	0.416 ug/L	93
40) 4-Methyl-2-pentanone	7.85	43	62968	4.021 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.01	91	42533	0.409	ug/L	97
44) trans-1,3-Dichloropropene	8.25	75	11462	0.386	ug/L #	82
45) 1,1,2-Trichloroethane	8.44	97	8273	0.440	ug/L	91
47) Tetrachloroethene	8.58	164	9585	0.456	ug/L	97
48) 2-Hexanone	8.74	43	40955	3.886	ug/L	97
49) Dibromochloromethane	8.85	129	10318	0.464	ug/L	99
50) 1,2-Dibromoethane	8.96	107	7512	0.430	ug/L	89
51) Chlorobenzene	9.48	112	29740	0.447	ug/L	98
52) Ethylbenzene	9.60	91	43856	0.404	ug/L	97
53) m,p-Xylene	9.72	106	15063	0.378	ug/L	91
54) o-Xylene	10.13	106	14766	0.379	ug/L	94
55) Styrene	10.15	104	22571	0.355	ug/L	100
56) Isopropylbenzene	10.51	105	39735	0.390	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.81	83	10861	0.444	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	7843	0.452	ug/L	99
61) Bromoform	10.32	173	6163	0.534	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	21015	0.520	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	19310	0.481	ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	19102	0.491	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	1233	0.482	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	10669	0.426	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	6142	0.439	ug/L	91
69) Naphthalene	14.11	128	7436	0.393	ug/L #	96
70) 1,2,3-Trichlorobenzene	14.36	180	6252	0.452	ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

